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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/727,873
Filing Date	December 1, 2000
First Named Inventor	Elizabeth M. Denholm
Group Art Unit	1651
Examiner Name	M. Meller
Attorney Docket Number	IT 105

Sheet	1	of	5
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office.*	Number*	Kind Code ^b (if known)				
		WO	98/46258	A2	Beth Isreal Deaconess Medical Center, Inc.	10-22-1998		
		WO	99/484778	A1	Insight Strategy & Marketing Ltd.	09-30-1999		
		WO	95/13091	A1	International Technology Management Associates, Ltd.	05-18-1995		
		WO	96/01894	A1	Ibex Technologies Research & Development, Inc.	01-25-1996		

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Examiner Name	M. Meller
Attorney Docket Number	IT 105

Sheet 2 of 5

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		BENSADOUN, et al. "Proteoglycan deposition in pulmonary fibrosis," <i>Amer. J. Respir. Crit. Care Med.</i> 154:1819-1828 (1996).	✓
		DENHOLM & PHAN, "The effects of bleomycin on alveolar macrophage growth factor secretion," <i>Amer. J. Pathol.</i> 134:355-363 (1989).	✓
		DENHOLM, "Inhibition of fibroblast by Chondroitinase AC(CAC) and Chondroitinase B(CB)," <i>FASEB J</i> 12(5):A948 1998).	✓
		DENHOLM, et al., "Inhibition of human dermal fibroblast proliferation by removal of dermatan sulfate," <i>European Journal of Pharmacology</i> 400:145-153 (2000).	✓
		DONATI, et al., "Treatment of hypertrophic and keloid cicatrices with thiomucase," <i>Minerva Chirurgica</i> 30(6):326-33 AN-Medline 76196588 (1975).	✓
		FANNON & NUGENT, "Basic fibroblast growth factor binds its receptors, is internalized, and stimulates DNA synthesis in Balb/c3T3 cells in the absence of heparan sulfate," <i>J. Biol. Chem.</i> 271:17949-17956 (1996).	✓
		FORRESTER, et al., "A paradigm for restenosis based on cell biology: clues for the development of new preventive therapies," <i>J. Am. Coll. Cardiol.</i> 17:758-769 (1991).	✓
		JACKSON, et al., "Glycosaminoglycans: molecular properties, protein interactions, and role in physiological processes," <i>Physiol. Rev.</i> 71:481-530 (1991).	✓
		KELLER, et al., "Modulation of cell surface heparan sulfate structure by growth of cells in the presence of chlorate," <i>Biochem.</i> 28:8100-8107 (1989).	✓
		KJELLEN & LINDAHL, "Proteoglycans: structures and interactions," <i>Ann. Rev. Biochem.</i> 60:443-475 (1991).	✓

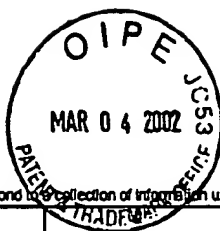
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		Application Number	09/727,873
		Filing Date	December 1, 2000
		First Named Inventor	Elizabeth M. Denholm
		Group Art Unit	1651
		Examiner Name	M. Meller
		Attorney Docket Number	IT 105
Sheet	3	of	5

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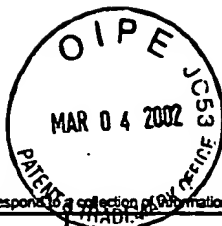
OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
W		LINHARDT, et al., "Polysaccharide lyases," <i>Appl. Biochem. Biotech.</i> 12:135-175 (1986).	✓
		LINN, et al. "Isolation and characterization of two chondroitin lyases from <i>Bacteroides thetaiotaomicron</i> ," <i>J. Bacteriol.</i> 156:859-866 (1983).	✓
		LIU & CONNOLLY, "Isolation and characterization of two chondroitin lyases from <i>Bacteroides thetaiotaomicron</i> ," <i>Sem. Cutaneous Med. and Surg.</i> 17:3-11 (1998).	✓
		LYON, et al., "Hepatocyte growth factor/scatter factor binds with high affinity to dermatan sulfate," <i>J. Biol. Chem.</i> 273:271-278 (1998).	✓
		MAEDA, et al., "6B4 proteoglycan/phosphacan, an extracellular variant of receptor-like protein-tyrosine phosphatase zeta/RPTPbeta, binds pleiotrophin/heparin-binding growth-associated molecule (HB-GAM)," <i>J. Biol. Chem.</i> 271:21446-21452 (1996).	✓
		MIAO, et al., "Heparan sulfate primed on beta-D-xylosides restores binding of basic fibroblast growth factor," <i>J. Cell. Biochem.</i> 57:173-184 (1995).	✓
		MICHELACCI, et al., "Isolation and characterization of an induced chondroitinase ABC from <i>Flavobacterium heparinum</i> ," <i>Biochim. Biophys. Acta.</i> 923:291-201 (1987).	
		MILEV, et al., "The core protein of the chondroitin sulfate proteoglycan phosphacan is a high-affinity ligand of fibroblast growth factor-2 and potentiates its mitogenic activity," <i>J. Biol. Chem.</i> 273:21439-21442 (1998).	
		PENC & GALLO, "Dermatan sulfate released after injury is a potent promoter of fibroblast growth factor-2 function," <i>J. Biol. Chem.</i> 273:28116-28121 (1998).	
		PHAN & KUNKEL, "Lung cytokine production in bleomycin-induced pulmonary fibrosis," <i>Exper. Lung Res.</i> 18:29-43 (1992).	
Examiner's Signature	Date Considered		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/727,873
		Filing Date	December 1, 2000
		First Named Inventor	Elizabeth M. Denholm
		Group Art Unit	1651
		Examiner Name	M. Meller
Sheet 4 of 5	Attorney Docket Number	IT 105	

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
MM		RICHARDSON & HATTON, "Transient morphological and biochemical alterations of arterial proteoglycan during early wound healing," <i>Exp. Mol. Pathol.</i> 58:77-95 (1993).	
		SATO, et. al., "Submit structure of Chondroitinase ABC from <i>Proteus vulgaris</i> ," <i>Agric. Biol. Chem.</i> 50:1057-1059 (1986).	
		SCHMIDT, et al., "The antiproliferative activity of arterial heparan sulfate resides in domains enriched with 2-O-sulfated uronic acid residues," <i>J. Biol. Chem.</i> 267:19242-19247 (1992).	
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		SUNDBERG, et al., "Development and progression of psoriasiform dermatitis and systemic lesions in the flaky skin (fsn) mouse mutant," <i>Pathobiology</i> 65:271-286 (1997).	
		TABAS, et al., "Lipoprotein lipase and sphingomyelinase synergistically enhance the association of atherogenic lipoproteins with smooth muscle cells and extracellular matrix. A possible mechanism for low density lipoprotein and lipoprotein(a) retention and macrophage foam cell formation," <i>J. Biol. Chem.</i> 268(27):20419-20432 (1993).	
		TAO, et. al., "Elevated expression of proteoglycans in proliferating vascular smooth muscle cells," <i>Atherosclerosis</i> 135:171-179 (1997).	
V		VARANI, et al., "Expression of serine proteinases and metalloproteinases in organ-cultured human skin. Altered levels in the presence of retinoic acid and possible relationship to retinoid-induced loss of epidermal cohesion," <i>Amer. J. Pathol.</i> 145:561-573 (1994).	
		VLODAVSKY, et al., "Control of cell proliferation by heparan sulfate and heparin-binding growth factors," <i>Thrombosis Haemostasis</i> 74:534-540 (1995).	

Examiner's Signature		Date Considered	1/9/06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number

Complete If Known

Filing Date

December 8, 2000

First Named Inventor

Elizabeth M. Denholm

Group Art Unit

1651

Examiner Name

M. Meller

Attorney Docket Number

IT 105

Sheet

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OTHER ART - NON PATENT LITERATURE DOCUMENTS

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WJ		YAMAGATA, et al., "Purification and properties of bacterial chondroitinases and chondrosulfatases," <i>J. Biol. Chem.</i> 243:1523-1535 (1968).	
		YAYON, et al., "Cell surface, heparin-like molecules are required for binding of basic fibroblast growth factor to its high affinity receptor," <i>Cell</i> 64:841-848 (1991).	
		YEO, et al. Alterations in proteoglycan synthesis common to healing wounds and tumors," <i>Amer. J. Pathol.</i> 138:1437-1450 (1991).	
		ZHANG, et. al., "In situ hybridization analysis of rat lung alpha 1(I) and alpha 2(I) collagen gene expression in pulmonary fibrosis induced by endotracheal bleomycin injection," <i>Lab. Invest.</i> 70: 192-202 (1994).	

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